

PAMS Technical Documentation

NPM–9 Series Transceivers

Part lists LA5

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Parts list of LA5 (EDMS Issue) Layout 1 Code:

ITEM CODE	LOCATION	VALUE	DESCRIPTION
B200 4510303	Top	R 3 32.768kHz~	CRYSTAL 32.768KHZ+-20PPM 12.5PF
B301 5140211	Top	C 3 ~	BUZZER 85DB 3KHZ 3.0V 10.4X8.7X3.1
B302 5140067	Top	C 6 ~	SPEAKER+SPRING 103+-3DB 32R D13.2
C100 2320744	Top	S 4 1n0 50V	Chipcap X7R 10% 50V 0402
C101 2320536	Top	S 7 10p 50V	Chipcap 5% NP0
C102 2320536	Top	S 7 10p 50V	Chipcap 5% NP0
C103 2320544	Top	R 5 22p 50V	Chipcap 5% NP0
C104 2320548	Top	R 2 33p 50V	Chipcap 5% NP0
C105 2320544	Top	R 7 22p 50V	Chipcap 5% NP0
C107 2320544	Bottom	P 4 22p 50V	Chipcap 5% NP0
C108 2320538	Top	R 3 12p 50V	Chipcap 5% NP0
C109 2315201	Bottom	P 6 2x27p 25V	CHIP ARRAY NP0 2X27P K 25V 0405
C111 2315205	Top	R 6 2x1n 16V	CHIP ARRAY X5R 2X1N M 16V 0405
C112 2320756	Top	R 6 3n3 50V	Chipcap X7R 10% 50V 0402
C113 2320756	Top	R 6 3n3 50V	Chipcap X7R 10% 50V 0402
C114 2320604	Bottom	P 3 18p 50V	Chipcap 5% NP0
C115 2320548	Bottom	P 3 33p 50V	Chipcap 5% NP0
C151 2315209	Top	O 2 2x33n 10V	CHIP ARRAY X5R 2X33N M 10V 0405
C152 2320546	Top	R 7 27p 50V	Chipcap 5% NP0
C153 2315205	Top	P 2 2x1n 16V	CHIP ARRAY X5R 2X1N M 16V 0405
C154 2320744	Top	O 2 1n0 50V	Chipcap X7R 10% 50V 0402
C155 2315209	Top	P 2 2x33n 10V	CHIP ARRAY X5R 2X33N M 10V 0405
C156 2320604	Top	R 7 18p 50V	Chipcap 5% NP0
C157 2320481	Top	Q 6 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C158 2320805	Top	S 4 100n 10V	CHIPCAP X5R 100N K 10V 0402
C160 2315203	Top	F 3 2x10n 16V	CHIP ARRAY X5R 2X10N M 16V 0405
C161 2315213	Top	R 6 2x22p 25V	CHIP ARRAY NP0 2X22P K 25V 0405
C163 2315213	Top	R 6 2x22p 25V	CHIP ARRAY NP0 2X22P K 25V 0405
C165 2320805	Top	P 2 100n 10V	CHIPCAP X5R 100N K 10V 0402
C166 2320805	Top	O 2 100n 10V	CHIPCAP X5R 100N K 10V 0402
C168 2320546	Top	O 2 27p 50V	Chipcap 5% NP0
C201 2320481	Top	R 4 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C202 2320778	Bottom	P 4 10n 16V	Chipcap X7R 10% 16V 0402
C203 2320481	Bottom	O 2 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C204 2320481	Top	Q 7 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C205 2320481	Top	R 4 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C206 2320481	Top	R 4 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C207 2316001	Top	N 3 2u2 6V3	CHIPCAP X5R 2U2 K 6V3 0603
C208 2320481	Top	N 4 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C209 2320536	Top	R 4 10p 50V	Chipcap 5% NP0
C210 2320536	Top	S 3 10p 50V	Chipcap 5% NP0
C211 2320481	Top	P 7 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C212 2320481	Top	R 2 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C213 2320481	Top	S 3 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C214 2320481	Top	S 3 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C215 2320481	Top	P 2 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C218 2320805	Top	O 4 100n 10V	CHIPCAP X5R 100N K 10V 0402
C219 2320481	Top	Q 6 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C221 2320481	Top	Q 5 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C222 2320481	Top	P 5 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C223 2320481	Top	Q 5 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C224 2320481	Top	Q 6 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603
C225 2320481	Top	Q 5 1u0 6.3V	CHIPCAP X5R 1U K 6V3 0603

C226	2320481	Top	N 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C227	2320481	Top	P 7	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C228	2320481	Top	P 7	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C229	2320481	Top	P 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C230	2320481	Top	P 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C231	2320481	Top	O 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C232	2320481	Top	P 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C233	2320481	Top	Q 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C234	2320481	Top	P 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C235	2320481	Top	S 3	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C236	2320805	Top	N 5	100n	10V	CHIPCAP X5R 100N K 10V 0402
C237	2320805	Top	O 4	100n	10V	CHIPCAP X5R 100N K 10V 0402
C238	2320805	Top	Q 5	100n	10V	CHIPCAP X5R 100N K 10V 0402
C239	2320805	Top	N 3	100n	10V	CHIPCAP X5R 100N K 10V 0402
C240	2315203	Top	N 2	2x10n	16V	CHIP ARRAY X5R 2X10N M 16V 0405
C241	2315203	Top	N 2	2x10n	16V	CHIP ARRAY X5R 2X10N M 16V 0405
C242	2320805	Top	R 5	100n	10V	CHIPCAP X5R 100N K 10V 0402
C243	2320481	Bottom	P 4	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C250	2315213	Top	P 8	2x22p	25V	CHIP ARRAY NP0 2X22P K 25V 0405
C260	2320481	Top	R 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C261	2320481	Top	R 4	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C262	2320481	Top	Q 7	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C263	2320481	Top	R 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C264	2320481	Top	R 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C265	2320481	Top	P 7	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C301	2320139	Top	K 6	1u0	10V	CHIPCAP X5R 1U0 K 10V 0603
C302	2320125	Top	K 7	1u0	16V	CHIPCAP X5R 1U K 16V 0603
C303	2315211	Bottom	G 6	2x100n	10V	CHIP ARRAY X5R 2X100N Y 10V 0405
C306	2320546	Top	N 3	27p	50V	Chipcap 5% NP0
C307	2320604	Top	O 3	18p	50V	Chipcap 5% NP0
C308	2320778	Top	E 3	10n	16V	Chipcap X7R 10% 16V 0402
C309	2320544	Top	P 7	22p	50V	Chipcap 5% NP0
C312	2320544	Top	L 5	22p	50V	Chipcap 5% NP0
C319	2320744	Bottom	N 2	1n0	50V	Chipcap X7R 10% 50V 0402
C320	2320544	Bottom	E 8	22p	50V	Chipcap 5% NP0
C350	2320805	Bottom	F 7	100n	10V	CHIPCAP X5R 100N K 10V 0402
C351	2312243	Bottom	G 7	4u7	6V3	CHIPCAP X5R 4U7 K 6V3 0805
C357	2310041	Bottom	K 6	1u5	10V	CHIPCAP X5R 1U5 K 10V 0805
C358	2320520	Bottom	J 7	2p2	50V	Chipcap +—0.25pF NP0
C359	2320520	Bottom	J 7	2p2	50V	Chipcap +—0.25pF NP0
C360	2320805	Bottom	H 6	100n	10V	CHIPCAP X5R 100N K 10V 0402
C361	2320805	Bottom	J 8	100n	10V	CHIPCAP X5R 100N K 10V 0402
C362	2320805	Bottom	J 6	100n	10V	CHIPCAP X5R 100N K 10V 0402
C363	2320481	Bottom	J 8	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C364	2310793	Bottom	I 6	2u2	10V	CHIPCAP X5R 2U2 K 10V 0805
C365	2320481	Bottom	I 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C366	2320481	Bottom	I 6	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C367	2320805	Bottom	J 6	100n	10V	CHIPCAP X5R 100N K 10V 0402
C368	2320805	Bottom	H 6	100n	10V	CHIPCAP X5R 100N K 10V 0402
C369	2320744	Bottom	H 7	1n0	50V	Chipcap X7R 10% 50V 0402
C370	2320137	Bottom	J 6	470n	10V	CHIPCAP X5R 470N K 10V 0603
C371	2320137	Bottom	J 6	470n	10V	CHIPCAP X5R 470N K 10V 0603
C372	2320598	Bottom	J 6	3n9	50V	Chipcap 5% X7R
C373	2320805	Bottom	K 6	100n	10V	CHIPCAP X5R 100N K 10V 0402
C374	2320744	Bottom	G 6	1n0	50V	Chipcap X7R 10% 50V 0402
C375	2320778	Bottom	I 6	10n	16V	Chipcap X7R 10% 16V 0402
C378	2320805	Top	Q 2	100n	10V	CHIPCAP X5R 100N K 10V 0402
C386	2320544	Bottom	N 3	22p	50V	Chipcap 5% NP0
C389	2320805	Bottom	M 6	100n	10V	CHIPCAP X5R 100N K 10V 0402

C400	2320778	Top	N 3	10n	16V	Chipcap X7R 10% 16V 0402
C401	2320805	Top	N 3	100n	10V	CHIPCAP X5R 100N K 10V 0402
C402	2320778	Top	N 4	10n	16V	Chipcap X7R 10% 16V 0402
C403	2320778	Top	L 5	10n	16V	Chipcap X7R 10% 16V 0402
C404	2320778	Top	L 5	10n	16V	Chipcap X7R 10% 16V 0402
C405	2320778	Top	L 5	10n	16V	Chipcap X7R 10% 16V 0402
C420	2320560	Bottom	H 5	100p	50V	Chipcap 5% NP0
C421	2320560	Top	O 5	100p	50V	Chipcap 5% NP0
C422	2320560	Top	O 5	100p	50V	Chipcap 5% NP0
C450	2320778	Top	N 5	10n	16V	Chipcap X7R 10% 16V 0402
C451	2320805	Top	O 5	100n	10V	CHIPCAP X5R 100N K 10V 0402
C454	2320779	Top	M 7	100n	16V	CHIPCAP X7R 100N K 16V 0603
C470	2320546	Top	M 2	27p	50V	Chipcap 5% NP0
C471	2320546	Top	M 2	27p	50V	Chipcap 5% NP0
C472	2320546	Top	M 2	27p	50V	Chipcap 5% NP0
C500	2320548	Bottom	C 2	33p	50V	Chipcap 5% NP0
C501	2320546	Bottom	D 2	27p	50V	Chipcap 5% NP0
C502	2320526	Bottom	E 3	3p9	50V	Chipcap +—0.25pF NP0
C503	2320560	Bottom	E 2	100p	50V	Chipcap 5% NP0
C504	2320779	Bottom	F 2	100n	16V	CHIPCAP X7R 100N K 16V 0603
C505	2320560	Bottom	G 2	100p	50V	Chipcap 5% NP0
C506	2320560	Bottom	G 2	100p	50V	Chipcap 5% NP0
C507	2320778	Bottom	E 2	10n	16V	Chipcap X7R 10% 16V 0402
C550	2320536	Bottom	D 3	10p	50V	Chipcap 5% NP0
C551	2320522	Bottom	D 3	2p7	50V	Chipcap +—0.25pF NP0
C552	2320516	Bottom	E 3	1p5	50V	Chipcap +—0.25pF NP0
C553	2320544	Bottom	E 4	22p	50V	Chipcap 5% NP0
C554	2320805	Bottom	E 4	100n	10V	CHIPCAP X5R 100N K 10V 0402
C555	2320560	Bottom	G 3	100p	50V	Chipcap 5% NP0
C556	2320560	Bottom	G 3	100p	50V	Chipcap 5% NP0
C557	2320536	Bottom	E 3	10p	50V	Chipcap 5% NP0
C600	2320548	Bottom	H 5	33p	50V	Chipcap 5% NP0
C601	2320554	Bottom	G 3	56p	50V	Chipcap 5% NP0
C602	2320778	Bottom	I 5	10n	16V	Chipcap X7R 10% 16V 0402
C603	2320778	Bottom	I 3	10n	16V	Chipcap X7R 10% 16V 0402
C604	2320536	Bottom	I 4	10p	50V	Chipcap 5% NP0
C605	2320805	Bottom	I 2	100n	10V	CHIPCAP X5R 100N K 10V 0402
C608	2320783	Bottom	J 3	33n	10V	CHIPCAP X7R 33N K 10V 0402
C609	2320562	Bottom	I 3	120p	50V	Chipcap 5% NP0
C610	2320562	Bottom	I 3	120p	50V	Chipcap 5% NP0
C611	2320783	Bottom	I 3	33n	10V	CHIPCAP X7R 33N K 10V 0402
C612	2320778	Bottom	J 3	10n	16V	Chipcap X7R 10% 16V 0402
C613	2320805	Bottom	I 2	100n	10V	CHIPCAP X5R 100N K 10V 0402
C614	2320778	Bottom	J 3	10n	16V	Chipcap X7R 10% 16V 0402
C615	2320558	Bottom	I 2	82p	50V	Chipcap 5% NP0
C616	2320552	Bottom	I 4	47p	50V	Chipcap 5% NP0
C617	2320552	Bottom	I 5	47p	50V	Chipcap 5% NP0
C620	2320481	Bottom	J 2	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C621	2320481	Bottom	I 2	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C622	2320481	Bottom	I 2	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C623	2320481	Bottom	I 2	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C624	2314001	Bottom	H 2	470p	6V3	CHIPCAP NP0 470P J 6V3 0402
C625	2314001	Bottom	H 2	470p	6V3	CHIPCAP NP0 470P J 6V3 0402
C626	2314001	Bottom	H 2	470p	6V3	CHIPCAP NP0 470P J 6V3 0402
C627	2314001	Bottom	H 2	470p	6V3	CHIPCAP NP0 470P J 6V3 0402
C650	2320554	Bottom	K 4	56p	50V	Chipcap 5% NP0
C651	2320629	Bottom	J 3	1p0	50V	CHIPCAP NP0 1P0 B 50V 0402
C652	2320564	Bottom	K 5	150p	50V	Chipcap 5% NP0
C653	2322015	Bottom	J 5	2n2	16V	CHIPCAP NP0 2N2 G 16V 0603

C654	2320564	Bottom	K 5	150p	50V	Chipcap 5% NP0
C655	2320481	Bottom	K 5	1u0	6.3V	CHIPCAP X5R 1U K 6V3 0603
C656	2320520	Bottom	K 4	2p2	50V	Chipcap +—0.25pF NP0
C657	2320520	Bottom	K 4	2p2	50V	Chipcap +—0.25pF NP0
C658	2320520	Bottom	K 6	2p2	50V	Chipcap +—0.25pF NP0
C660	2320560	Bottom	J 3	100p	50V	Chipcap 5% NP0
C661	2320805	Bottom	K 3	100n	10V	CHIPCAP X5R 100N K 10V 0402
C662	2320536	Bottom	K 3	10p	50V	Chipcap 5% NP0
C699	2320518	Bottom	G 4	1p8	50V	Chipcap +—0.25pF NP0
C700	2320629	Bottom	G 4	1p0	50V	CHIPCAP NP0 1P0 B 50V 0402
C701	2320548	Bottom	G 5	33p	50V	Chipcap 5% NP0
C702	2320548	Bottom	G 4	33p	50V	Chipcap 5% NP0
C703	2320554	Bottom	G 4	56p	50V	Chipcap 5% NP0
C704	2320516	Bottom	C 7	1p5	50V	Chipcap +—0.25pF NP0
C705	2320548	Bottom	F 4	33p	50V	Chipcap 5% NP0
C706	2320604	Bottom	F 4	18p	50V	Chipcap 5% NP0
C707	2320518	Bottom	G 3	1p8	50V	Chipcap +—0.25pF NP0
C708	2611753	Bottom	P 8	33u_16V	16V	CHIPTCAP 33U M 16V 6.0X3.2X1.5
C709	2312243	Bottom	E 5	4u7	6V3	CHIPCAP X5R 4U7 K 6V3 0805
C710	2320778	Bottom	C 7	10n	16V	Chipcap X7R 10% 16V 0402
C711	2320548	Bottom	D 7	33p	50V	Chipcap 5% NP0
C712	2320778	Bottom	D 7	10n	16V	Chipcap X7R 10% 16V 0402
C713	2320540	Bottom	E 5	15p	50V	Chipcap 5% NP0
C714	2320778	Bottom	E 6	10n	16V	Chipcap X7R 10% 16V 0402
C715	2320548	Bottom	B 6	33p	50V	Chipcap 5% NP0
C716	2320548	Bottom	C 4	33p	50V	Chipcap 5% NP0
C717	2320536	Bottom	D 4	10p	50V	Chipcap 5% NP0
C718	2320778	Bottom	D 4	10n	16V	Chipcap X7R 10% 16V 0402
C719	2320778	Bottom	C 4	10n	16V	Chipcap X7R 10% 16V 0402
C720	2320778	Bottom	B 6	10n	16V	Chipcap X7R 10% 16V 0402
C721	2320536	Bottom	G 3	10p	50V	Chipcap 5% NP0
C722	2320536	Bottom	G 3	10p	50V	Chipcap 5% NP0
C723	2320744	Bottom	G 5	1n0	50V	Chipcap X7R 10% 50V 0402
C724	2320548	Bottom	C 4	33p	50V	Chipcap 5% NP0
C725	2320508	Bottom	D 7	1p0	50V	Chipcap +—0.25pF NP0
C726	2320508	Bottom	G 4	1p0	50V	Chipcap +—0.25pF NP0
C727	2320546	Bottom	E 6	27p	50V	Chipcap 5% NP0
C728	2320778	Bottom	E 6	10n	16V	Chipcap X7R 10% 16V 0402
C729	2320548	Top	E 6	33p	50V	Chipcap 5% NP0
C730	2320560	Bottom	I 4	100p	50V	Chipcap 5% NP0
C731	2320524	Bottom	E 5	3p3	50V	Chipcap +—0.25pF NP0
C751	2320560	Bottom	H 5	100p	50V	Chipcap 5% NP0
C752	2322023	Bottom	H 4	2n2	16V	CHIPCAP NP0 2N2 J 16V 0603
C753	2320538	Bottom	E 4	12p	50V	Chipcap 5% NP0
C754	2320538	Bottom	D 4	12p	50V	Chipcap 5% NP0
C756	2320546	Bottom	D 3	27p	50V	Chipcap 5% NP0
C759	2320546	Bottom	D 4	27p	50V	Chipcap 5% NP0
C780	2320548	Bottom	C 2	33p	50V	Chipcap 5% NP0
C781	2320548	Bottom	C 2	33p	50V	Chipcap 5% NP0
D200	4370805	Top	P 4	~	~	UEM V4.4 W-DOG ENA TO09H TFBGA168
D400	4370815	Top	M 4	~	~	UPP8M V1.1 F741987A C05 UBGGA144
D450	4341207	Top	O 7	4Mx16	~	FLASH NMP DCT4 64MBIT 40MHZ
F100	5119019	Top	S 5	1.5A	~	SM FUSE F 1.5A 32V 0603
G300	4700131	Top	C 8	3V3	~	CELL CAPACITOR 0.01MAH 3V3
G650	4350243	Bottom	J 4	3420-3840MHZ	~	VCO 3420-3840MHZ 2.7V 20MA
G660	4510275	Bottom	K 2	26MHz	~	VCTCXO 26MHZ+—5PPM 2.7V GSM
L100	3203743	Top	S 5	42R/100MHZ	~	FERR.BEAD 0R03 42R/100MHZ 3A 0805
L101	3645343	Top	S 7	150nH	~	CHIP COIL 150N J Q28/150MHZ 0603
L104	3203801	Top	S 6	2x1000R/100MHZ	~	CHIP BEAD ARRAY 2X1000R 0405

L105	3203725	Top	R 7	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L106	3203725	Top	S 6	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L107	3203725	Top	S 6	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L151	3203801	Top	E 3	2x1000R/100MHz	~	CHIP BEAD ARRAY 2X1000R 0405
L356	3645327	Bottom	J 7	72nH	~	CHIP COIL 72N G Q34/150MHZ 0603
L357	3645207	Bottom	J 7	56nH	~	CHIP COIL 56N G Q38/200MHZ 0603
L470	3203725	Bottom	N 3	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L471	3203725	Bottom	M 3	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L472	3203725	Bottom	M 3	600R/100MHz	~	FERRITE BEAD 0R6 600R/100M 0402
L500	3646091	Bottom	E 3	6n8H	~	CHIP COIL 6N8 J Q27/800M 0402
L501	3646067	Bottom	H 2	18nH	~	CHIP COIL 18N J Q29/800M 0402
L502	3646091	Bottom	D 2	6n8H	~	CHIP COIL 6N8 J Q27/800M 0402
L503	3646065	Bottom	D 2	12nH	~	CHIP COIL 12N J Q31/800M 0402
L550	3646051	Bottom	E 3	3n9H	~	CHIP COIL 3N9 +—0N3 Q28/800M 0402
L551	3646091	Bottom	G 3	6n8H	~	CHIP COIL 6N8 J Q27/800M 0402
L552	3646047	Bottom	E 3	3n3H	~	CHIP COIL 3N3 +—0N3 Q28/800M 0402
L700	3646053	Bottom	G 4	4n7H	~	CHIP COIL 4N7 +—0N3 Q28/800M 0402
L701	3646053	Bottom	G 5	4n7H	~	CHIP COIL 4N7 +—0N3 Q28/800M 0402
L702	3646051	Bottom	G 4	3n9H	~	CHIP COIL 3N9 +—0N3 Q28/800M 0402
L703	3203743	Bottom	E 6	42R/100MHz	~	FERR.BEAD 0R03 42R/100MHZ 3A 0805
L704	3203715	Bottom	B 7	240R/100MHz	~	FERRITE BEAD 0R35 240R/100M 0402
L705	3646059	Bottom	C 7	5n6H	~	CHIP COIL 5N6 +—0N3 Q28/800M 0402
L708	3645065	Bottom	B 5	5n6H	~	CHIP COIL 5N6 K Q98/1.5GHZ 0805
L750	4551015	Bottom	D 4	897.5/1747.5/1880M	~	DIR.COUP 897.5/1747.5/1880MHZ
N356	4341023	Bottom	I 7	~	~	AM/FM RECEIVER TEA5757 LQFP48
N600	4370781	Bottom	H 3	~	~	HAGAR 5 LFBGA80
N700	4350297	Bottom	C 6	~	~	PW AMP RF9203E10.1 900/1800 3.5V
R102	1430804	Top	N 8	100k	~	Resistor 5% 63mW
R152	1430762	Top	O 2	2k2	~	Resistor 5% 63mW
R154	1430778	Top	S 4	10k	~	Resistor 5% 63mW
R155	1430804	Top	Q 6	100k	~	Resistor 5% 63mW
R156	1620105	Top	P 2	2x2k2	~	RES NETWORK 0W06 2X2k2 J 0404
R157	1620105	Top	O 2	2x2k2	~	RES NETWORK 0W06 2X2k2 J 0404
R159	1825031	Top	R 6	2XVWM16V	~	16V VARISTOR ARRAY 2XVWM16V VC50 0405
R161	1825031	Top	R 6	2XVWM16V	~	16V VARISTOR ARRAY 2XVWM16V VC50 0405
R164	1620103	Bottom	P 2	2x22R	~	Chipres Array 0W06 J 0404
R165	1620103	Top	Q 2	2x22R	~	Chipres Array 0W06 J 0404
R166	1430137	Top	P 2	1k0	~	CHIPRES 0W06 1K0 F 200PPM 0402
R167	1430137	Top	P 2	1k0	~	CHIPRES 0W06 1K0 F 200PPM 0402
R200	1419003	Top	R 4	0R22	~	CHIPRES 0W5 0R22 J 1210
R202	1620067	Top	O 2	4x100k	~	RES NETWORK 0W06 4X100K J 0804
R203	1620029	Top	N 2	2x4k7	~	RES NETWORK 0W06 2X4K7 J 0404
R301	1430770	Top	L 5	4k7	~	Resistor 5% 63mW
R304	1430681	Top	M 5	4R3	~	CHIPRES 0W06 4R3 J 0402
R305	1430744	Top	M 5	470R	~	Resistor 5% 63mW
R306	1825033	Top	M 7	14V/46V	~	CHIP VARISTOR VW14V VC46V 0402
R307	1430695	Top	M 5	6R8	~	CHIPRES 0W06 6R8 J 0402
R310	1430834	Top	O 3	3M3	~	Chipres 0W06 5% 0402
R311	1430804	Top	O 3	100k	~	Resistor 5% 63mW
R350	1419009	Bottom	F 6	4R7	~	CHIPRES 0W5 4R7 J 1210
R352	1430804	Bottom	G 6	100k	~	Resistor 5% 63mW
R358	1430778	Bottom	K 7	10k	~	Resistor 5% 63mW
R359	1430722	Bottom	G 6	68R	~	Resistor 5% 63mW
R360	1430802	Bottom	J 6	82k	~	Resistor 5% 63mW
R361	1430762	Bottom	J 6	2k2	~	Resistor 5% 63mW
R362	1430770	Bottom	I 6	4k7	~	Resistor 5% 63mW
R363	1430778	Bottom	H 7	10k	~	Resistor 5% 63mW
R364	1430804	Bottom	J 6	100k	~	Resistor 5% 63mW
R365	1430778	Bottom	H 6	10k	~	Resistor 5% 63mW

R369	1430796	Bottom	G 7	47k	~	Resistor 5% 63mW
R370	1430796	Bottom	K 7	47k	~	Resistor 5% 63mW
R371	1430778	Bottom	H 7	10k	~	Resistor 5% 63mW
R380	1430796	Bottom	H 8	47k	~	Resistor 5% 63mW
R381	1430804	Bottom	J 6	100k	~	Resistor 5% 63mW
R382	1430796	Bottom	G 7	47k	~	Resistor 5% 63mW
R383	1430796	Bottom	H 7	47k	~	Resistor 5% 63mW
R388	4120071	Bottom	O 2	~	~	ASIP EMIF03-SIM01 SIM FILTER BGA8
R420	1430726	Bottom	H 5	100R	~	Resistor 5% 63mW
R421	1430778	Top	O 5	10k	~	Resistor 5% 63mW
R422	1430268	Top	P 6	27k	~	CHIPRES 0W06 27K F 100PPM 0603
R423	1430778	Top	P 5	10k	~	Resistor 5% 63mW
R450	1430770	Top	M 7	4k7	~	Resistor 5% 63mW
R500	1430726	Bottom	E 3	100R	~	Resistor 5% 63mW
R501	1430700	Bottom	F 2	10R	~	Resistor 5% 63mW
R502	1430846	Bottom	E 2	2k7	~	Resistor 1% 63mW
R550	1430740	Bottom	E 3	330R	~	Resistor 5% 63mW
R551	1430700	Bottom	E 4	10R	~	Resistor 5% 63mW
R558	1430846	Bottom	E 3	2k7	~	Resistor 1% 63mW
R600	1620081	Bottom	I 2	4x22R	~	RES NETWORK 0W03 4X22R J 0804
R602	1430770	Bottom	J 2	4k7	~	Resistor 5% 63mW
R603	1430846	Bottom	G 3	2k7	~	Resistor 1% 63mW
R604	1430770	Bottom	I 2	4k7	~	Resistor 5% 63mW
R606	1430784	Bottom	I 2	15k	~	Resistor 5% 63mW
R607	1620033	Bottom	J 4	2x5k6	~	RES NETWORK 0W06 2X5K6 J 0404
R608	1620033	Bottom	J 5	2x5k6	~	RES NETWORK 0W06 2X5K6 J 0404
R610	1430700	Bottom	J 4	10R	~	Resistor 5% 63mW
R650	1430137	Bottom	K 5	1k0	~	CHIPRES 0W06 1K0 F 200PPM 0402
R651	1430907	Bottom	J 5	11k	~	CHIPRES 0W06 11K F 0402
R652	1430700	Bottom	K 5	10R	~	Resistor 5% 63mW
R660	1430762	Bottom	K 3	2k2	~	Resistor 5% 63mW
R661	1430774	Bottom	K 3	6k8	~	Resistor 5% 63mW
R700	1620121	Bottom	G 4	2x220R	~	RES NETWORK 0W06 2X220R J 0404
R701	1620121	Bottom	G 4	2x220R	~	RES NETWORK 0W06 2X220R J 0404
R703	1430714	Bottom	D 4	33R	~	Resistor 5% 63mW
R704	1430718	Bottom	C 4	47R	~	Resistor 5% 63mW
R705	1620515	Bottom	D 7	870R/5R77/870R	~	RES NETWORK 0W04 1DB ATT 0404
R706	1430693	Bottom	G 5	5R6	~	Chipres 0W06 5R6 J 0402
R707	1430693	Bottom	G 4	5R6	~	Chipres 0W06 5R6 J 0402
R709	1430734	Bottom	C 4	220R	~	Resistor 5% 63mW
R710	1430804	Bottom	I 4	100k	~	Resistor 5% 63mW
R711	1430804	Bottom	I 5	100k	~	Resistor 5% 63mW
R751	1430770	Bottom	E 4	4k7	~	Resistor 5% 63mW
R752	1430788	Bottom	H 5	22k	~	Resistor 5% 63mW
R753	1430770	Bottom	D 4	4k7	~	Resistor 5% 63mW
R754	1430726	Bottom	E 4	100R	~	Resistor 5% 63mW
R755	1430718	Bottom	D 4	47R	~	Resistor 5% 63mW
R756	1430770	Bottom	H 5	4k7	~	Resistor 5% 63mW
R757	1430778	Bottom	E 4	10k	~	Resistor 5% 63mW
R780	1430700	Bottom	C 2	10R	~	Resistor 5% 63mW
R781	1430700	Bottom	C 2	10R	~	Resistor 5% 63mW
S300	5200025	Top	B 7	~	~	SM TACT SW SIDE TRAVEL 0.2MM
S301	5200025	Top	C 2	~	~	SM TACT SW SIDE TRAVEL 0.2MM
S302	5200025	Top	D 2	~	~	SM TACT SW SIDE TRAVEL 0.2MM
T650	3640423	Bottom	I 4	~	~	BALUN TRANS 3.7GHZ+/-300MHZ 0805
T700	4550137	Bottom	F 4	~	~	TRANSF BALUN 1.8GHZ+/-100MHZ 2X1.3
V100	4113721	Top	S 5	~	~	TVS DI 1PMT16AT3 16V 175W PWRMITE
V300	4219937	Top	N 5	~	~	TRX2 UMT1/PUMT1 P40V100MA SOT363
V301	4219937	Top	M 5	~	~	TRX2 UMT1/PUMT1 P40V100MA SOT363

V324	4864591	Top	K 3	~	~	LED CL270PSB61 PASTELBLUE 90' 0603
V325	4864591	Top	K 7	~	~	LED CL270PSB61 PASTELBLUE 90' 0603
V326	4864591	Top	K 4	~	~	LED CL270PSB61 PASTELBLUE 90' 0603
V327	4864591	Top	K 6	~	~	LED CL270PSB61 PASTELBLUE 90' 0603
V329	4110475	Top	M 6	~	~	SCH DI RB521S-30 200MA 35V SOD523
V350	4210043	Bottom	F 6	~	~	TR DTC143ZE RB=4K7 RBE=47K EM3
V351	4860101	Bottom	C 8	~	~	IRDA TFDU5102 9.K6-1M152 BABYFACE
V356	4110931	Bottom	K 7	~	~	CAPDIX2 BBY66-05 CT=5.5 FM SOT23
V357	4110931	Bottom	K 6	~	~	CAPDIX2 BBY66-05 CT=5.5 FM SOT23
V500	4210277	Bottom	E 2	~	~	TR BGB420 MIRROR ADJ BIAS SOT343
V550	4210261	Bottom	E 3	~	~	TR BGA428 LNA1.8GHZ 19.5DB SOT363
V750	4110079	Bottom	D 4	~	~	SCH DIX2 HSMS282C 15V <1PF SOT323
X100	5400181	Bottom	R 5	~	~	SYS CONN SPR HS/SW+DC+MIC+V.MOTOR
X101	5409141	Bottom	P 6	~	~	SM BATTERY CONN 4POL SPR. 12V 2A
X300	5409183	Top	I 5	~	~	SM LCD CONN 1X8 P2.0 SPR 50V 0.5A
X303	5469135	Top	L 6	~	~	SM CONN 2X8 SPR 50V 0.5A PCB/PCB
X386	5409107	Bottom	N 4	~	~	SM SIM CONN 2X3POL P2.54 H=1.6MM
Z260	3203741	Top	R 5	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z261	3203741	Top	R 4	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z262	3203741	Top	Q 7	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z263	3203741	Top	R 5	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z264	3203741	Top	R 5	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z265	3203741	Top	Q 7	600R/100MHz	~	FERRITE BEAD 0R5 600R/100MHZ 0603
Z301	4120031	Top	M 6	~	~	EMI/ESD FILT EMIF10-1K010F1 BGA24
Z356	4550145	Bottom	G 8	10.7MHz	~	CER FILT 10.7+-0.03MHZ 3.45X3.1
Z357	4550099	Bottom	H 6	10.7MHz	~	CER FILT 10.7+-0.0225MHZ 3.4X2.6
Z358	4550145	Bottom	G 8	10.7MHz	~	CER FILT 10.7+-0.03MHZ 3.45X3.1
Z500	4512133	Bottom	C 3	880-960/1710-1990MHz	~	ANT.SWIT.880-960/1710-1990MHZ 7X5
Z501	4511235	Bottom	G 2	942.5MHz	~	SAW FILT 942.5+-17.5MHZ/3.8DB 3X3
Z520	4511093	Bottom	D 3	925-960/1805-1880MHz	~	DUAL SAW FILT 925-960/1805-1880MHZ
Z551	4511241	Bottom	F 3	1842.5MHz	~	SAW FILT 1842.5+-37.5MHZ/3.5DB 3X3
Z700	4511237	Bottom	F 4	897.5MHz	~	SAW FILT 897.5+-17.5MHZ/4.2DB 3X3

Parts list of LA5 BNMT (EDMS Issue 1.3) Layout 1 Code: 0201887

ITEM CODE	LOCATION	VALUE	DESCRIPTION
V324 4864593	Top K 3 ~	~	LED CL270PSB65 PASTELBLUE 90'0603
V325 4864593	Top K 7 ~	~	LED CL270PSB65 PASTELBLUE 90'0603
V326 4864593	Top K 4 ~	~	LED CL270PSB65 PASTELBLUE 90'0603
V327 4864593	Top K 6 ~	~	LED CL270PSB65 PASTELBLUE 90'0603

Parts list of LU9 (EDMS Issue 1.2) Layout 11 Code: 0201835

ITEM CODE	LOCATION	VALUE	DESCRIPTION
4864581	LED CL191PSB68 PASTELBLUE 0' 0603	6.000 PC	
9854511	PCB LK5 44.95X35.0X0.8 M4 8/PA	1.000 PC	

Parts list of LA5 TMC (EDMS Issue 1.3) Layout 1 Code: 0201886

ITEM CODE	LOCATION	VALUE	DESCRIPTION
V324 4864595	Top K 3 ~	~	LED CL270PSB72 PASTELBLUE 90'0603
V325 4864595	Top K 7 ~	~	LED CL270PSB72 PASTELBLUE 90'0603
V326 4864595	Top K 4 ~	~	LED CL270PSB72 PASTELBLUE 90'0603
V327 4864595	Top K 6 ~	~	LED CL270PSB72 PASTELBLUE 90'0603

Parts list of LU9 (EDMS Issue 1.2) Layout 11 Code: 0201835

ITEM CODE	LOCATION	VALUE	DESCRIPTION
4864581	LED CL191PSB68 PASTELBLUE 0' 0603	6.000 PC	
9854511	PCB LK5 44.95X35.0X0.8 M4 8/PA	1.000 PC	

NOTE: Only LEDs are shown from the specific part lists!

Parts list of LA5 SALO (EDMS Issue 5.0) Layout 1 Code: 0201815

ITEM CODE	LOCATION	VALUE	DESCRIPTION
V324	4864591	Top	K 3 ~ ~ LED CL270PSB61 PASTELBLUE 90'0603
V325	4864591	Top	K 7 ~ ~ LED CL270PSB61 PASTELBLUE 90'0603
V326	4864591	Top	K 4 ~ ~ LED CL270PSB61 PASTELBLUE 90'0603
V327	4864591	Top	K 6 ~ ~ LED CL270PSB61 PASTELBLUE 90'0603

Parts list of LU9 (EDMS Issue 1.1) Layout 11 Code: 0201867

ITEM CODE	LOCATION	VALUE	DESCRIPTION
4864551		LED CL191B1 BLUE468NM VF>3V5 0603	6.000 PC
9854511		PCB LK5 44.95X35.0X0.8 M4 8/PA	1.000 PC

NOTE: Only LEDs are shown from the specific part lists!

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